MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

M. A. R. 57 (Rule 116) No. D

Measurement Book

63169

Serial No. 1st & final bill

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency M/S. KRIDL

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :-	construction of RCC drains & CC roads at Ayyappa Layout & Mathrushree Layout in Ward No. 13 Shettyhalli Sub-division.					
	Job code :-	013-17-000075					
	A.A :-	CE/DZ/AS/27/17-18, Dt :- 12/06/17.					
	T.S :-	EE/DD/TS/63/17-18, Dt :- 12/06/17.					
	Work order :-	BBMP/EE/DD/WO/103/2017-18, Dt :- 13/06/2017					
	Est Cost :-	₹. 50.00 Lakhs.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1.	Earthwork excavation by manual means in ordinary Soil involving in average horizontal through upto 2m & an average lift upto 1.5m, excavated surface levelled & sides neately dressed, the disposed earth to be levelled neately. It is completed as per specification.						
	Vide qty Pg # 63185					684.65 cum	
						@ ₹ 175.96/cum —	₹. 120471=00
2.	Removing BS Slab drain & Stacking It is completed as per Specification.						
	Vide qty Pg # 63184					715.50 Sqm	
						@ ₹. 65.72/Sqm —	₹. 47022=60

M. A. R. 57 (Rule 116) No. D
Measurement Book
63170

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3.	Providing and laying in position plain cement concrete of mix 1:4:8 with opc cement @ 180 kgs, with 40mm & downsize graded granite metal coarx aggregates @ 0.85 cum & fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms thick It is completed as per specification.						
	Vide qty Pg # 63187 a> From using available Jelly					63.13 cum	
						@ ₹. 4443.52/cum —	₹. 280589=00
	b> Remaining Balance qty					7.37 cum	
	@					₹. 5159.02/cum —	₹. 38009=00

MEASUREMENT BOOK

M. A. R. 57 (Rule 116) No. D

Measurement Book

63171

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4.	construction of granular Sub-base by providing coarse graded crushed stone aggregates of granite/trap/basalt material spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator. It is completed as per specification Vide Qty pg# 63192					~~9499~~ ~~cum~~ 94.59 cum 149696-00	
						@ ₹. 1582.58/cum — ₹. ~~149755~~=00	
5.	construction of dry lean cement concrete mix 1:5:10 with opc cement @ 160 kgs, with 25mm & down size graded granite metal coarse aggregates @ 0.86 cum & fine aggregates @ 0.58 cum Sub-base over a prepared sub grade with aggregate Cement ratio not to exceeding 15:1. It is completed as per specification Vide Qty pg# 63192					~~70.98~~ ~~6.25~~ cum 282973-00	
						@ ₹. 3986.66/cum — ₹. ~~268105~~=00	
6.	providing & laying in position plain cement concrete of mix m20 with opc cement @ 300 kgs, with 20mm & down size graded granite metal coarse aggregates @ 0.69 cum &						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	fine aggregates @ 0.43 cum, machine mixed, concrete laid in layers not exceeding 15cms thick. It is completed as per specification						
	Side wall						
	12th ds Ayyppa L/o (N|S)	2×	30.00	×0.15×	0.60	5.40	
		2×	30.00	×0.15×	0.60	5.40	
		2×	30.00	×0.15×	0.60	5.40	
		2×	30.00	×0.15×	0.60	5.40	
		2×	20.00	×0.15×	0.60	3.60	

5/12/18

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike.
Basarahalli Zone, Bangalore-57

M. A. R. 57 (Rule 116) No. D
Measurement Book

63172

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	12th ds Ayyappa L/o (S|S)	2×	30.00	×0.15×	(0.6+0.6)/2	5.63	
		2×	30.00	×0.15×	(0.6+0.6)/2	5.63	
		2×	30.00	×0.15×	0.60	5.40	
		2×	30.00	×0.15×	0.60	5.40	
		2×	20.00	×0.15×	0.60	3.90	
	11th ds Ravindra ngr (N|S)	2×	30.00	×0.15×	0.60	5.40	

5/12/18

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike.
Basarahalli Zone, Bangalore-57.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.15	$\frac{0.6+0.85}{2}$	5.63	
		2	30.00	0.15	0.60	5.40	
		2	9.80	0.15	0.60	1.76	
	11th ds Ravindra nagar (S/s)	2	30.00	0.15	0.60	5.40	
		2	30.00	0.15	$\frac{0.6+0.65}{2}$	5.63	
		2	30.00	0.15	$\frac{0.6+0.65}{2}$	5.63	
		2	9.80	0.15	0.60	1.76	
	2nd ds Vijayalakshmi NO	2	30.00	0.15	0.60	5.40	
		2	19.80	0.15	0.60	3.56	

5/12/18

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike,
Dasarahalli Zone, Bangalore-57.

M. A. R. 57 (Rule 116) No. D
Measurement Book

Serial No. .....
63173
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vide Qty pg # 63190	Add Raft Qty			(+)	72.59	
						169.20 cum	
						@ ₹. 5874.52/cum — ₹. 993968 =	

7. Providing and removing centering, shuttering, strutting, proping etc and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttress plinth cills & string courses. It is completed as per specification.

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vide qty pg # 63191					1692.00 Sqm	
			@ ₹. 310.58/Sqm			—	₹. 525501=36
8.	Cement concrete pavement. construction of unreinforced plain cement concrete pavement, thickness as per design, over a prepared sub-base with opc cement or any other type as per clause 1051.2.2 with 25mm & down size graded granite metal coarse aggregates & fine aggregates, with super plasticizer. It is completed as per specification.						
	1st cls Vijayalakshmi M/o	1×	30.00	4.20	0.15+0.18/2	20.79	

M. A. R. 57 (Rule 116) No. D

Measurement Book

63174

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd cls Vijayalakshmi M/o	1×	18.40	4.20	0.15+0.17/2	12.36	
		1×	30.00	4.2+4.1/2	0.15+0.18/2	20.54	
		1×	19.80	4.1+4.2/2	0.15+0.20/2	17.66	
						18.56	
	EXECUTIVE ENGINEER Bruhat Bangalore Mahanagara Palike, Dasarahalli Zone, Bangalore-57					Sq. 71.35 cum	44365-0
						@ ₹. 6217.96/cum	₹. 443658=00
9.	providing T.M.T. Steel reinforcement for R.C.C. Work including Straightening, cutting, bending, hooking, placing, in position						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Lapping and / or binding wire and wherever necessary. Vide city Pg# 63188	Welding wherever required, tying with anchoring to the adjoining member it is completed as per specification.				10.15 Tonne @ ₹. 74331.44 / Tonne — ₹. 754612=00	
10.	providing groove cutting for width of 5mm to 10mm & depth 80mm - 100mm including cost of cutting machine, generator & Hom of Machinary, including cost of blade, coolant etc. including cleaning of groove. It is completed as Per specification						

M. A. R. 57 (Rule 116) No. D

Measurement Book

63175

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		5 Nos	4.00	—	—	20.00	
		5 Nos	4.10	—	—	20.50	
						40.50 Rmt @ ₹. 121.90	₹. 4937=00
11.	Providing & laying reinforced cement precast Slabs of mix CC 1:2½:3 using 20mm & downsize graded granite metal using HYSD 10mm ϕ steel @ 100mm c/c both ways. It is completed as per Specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vide Qty bf # 63194					559.62 Sqm	
			@ ₹. 1680.00			— ₹. 940161=60	
						22/10/18	
						458153l-00	
		458138=00				Total — ₹. ~~488227=00~~	
		412325=00				412337=00	
		4993712=00				KRIDL Charges 9% ₹. ~~406910=00~~	
						Grand Total ₹. ~~4928137=00~~	
						4993868=00	

ಮುಖ್ಯ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Certificate

Certified that the work is done Satisfactorily.

22/10/18

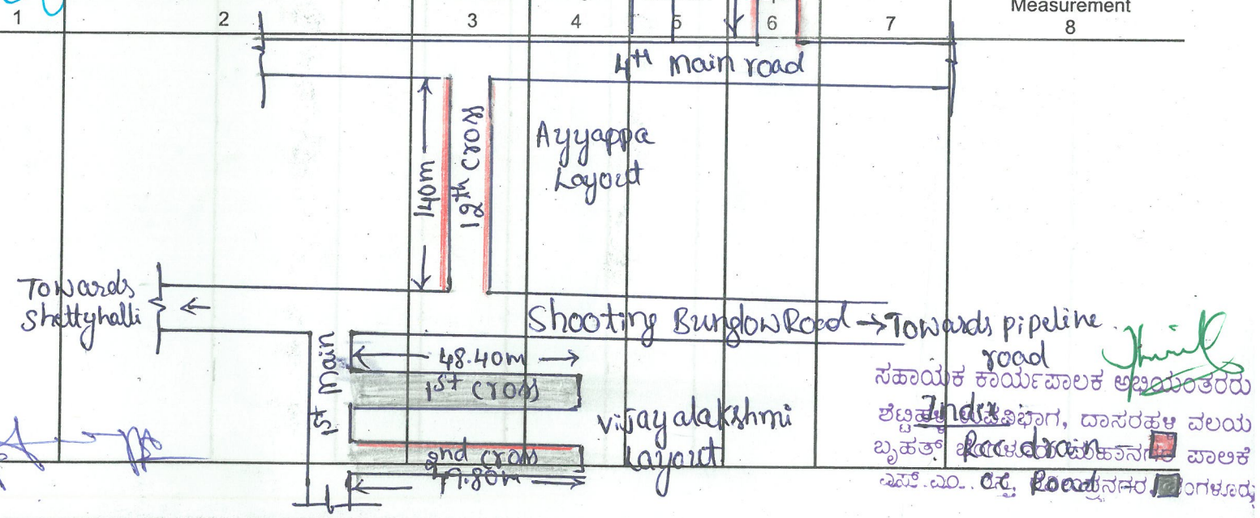
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Audited and admitted for Rs. 4993712=00
Passed by Cheque for Rs. 4445545=00
( ) Serial No. 548167=00
Name of work
Name of Contractor of nature of Agency
Date of Commencement of work
Accounts Superintendent
Executive Engineer
Date B.B.M.P. Full description, etc, of work Dasarahalli Division

M. A. R. 57 (Rule 116) No. D
Measurement Book main road 63176

From ... To ... Ravindra nagara

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್. ಎಂ. ಕೃ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು